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BEFORE THE THREAT.... THIS IS HOW IT ALL BEGAN

Created by: KidsNetGuard Digital Edition April 2025©



[EPISODE Ø]

THE DIGITAL AWAKENING

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registe

THE STORY BEGINS!



\$ sudo

BEFORE THE THREAT... THIS IS HOW IT ALL BEGAN

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## THE DIGITAL AWAKENING

#### THE ORIGIN OF THE GUARDIANS OF CYBERSPACE

As the world continued to connect, share, and browse... something in the depths of cyberspace began to change.

A new energy, a different vibration, crossed the invisible networks around us. A call... no, an awakening.

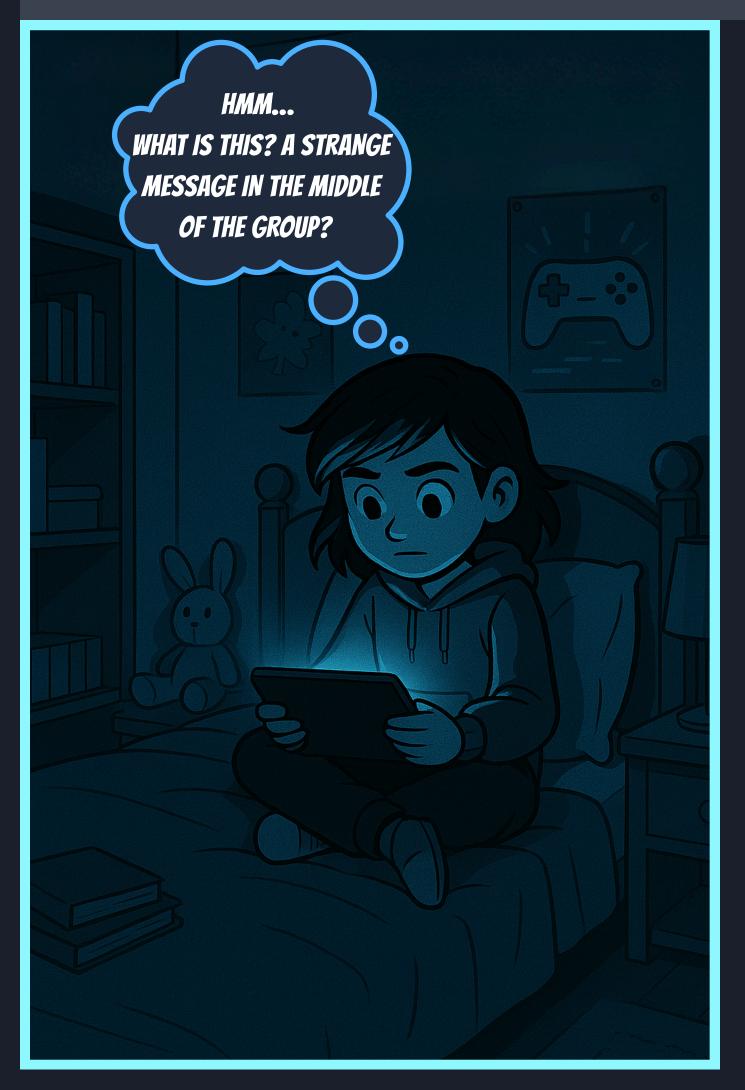
Luna, restless, curious, and determined, was the first to feel it. It wouldn't be long before she found others like her, brave young souls who would see beyond the screens.

Thus would begin a new era: the origin of the Guardians of Cyberspace.



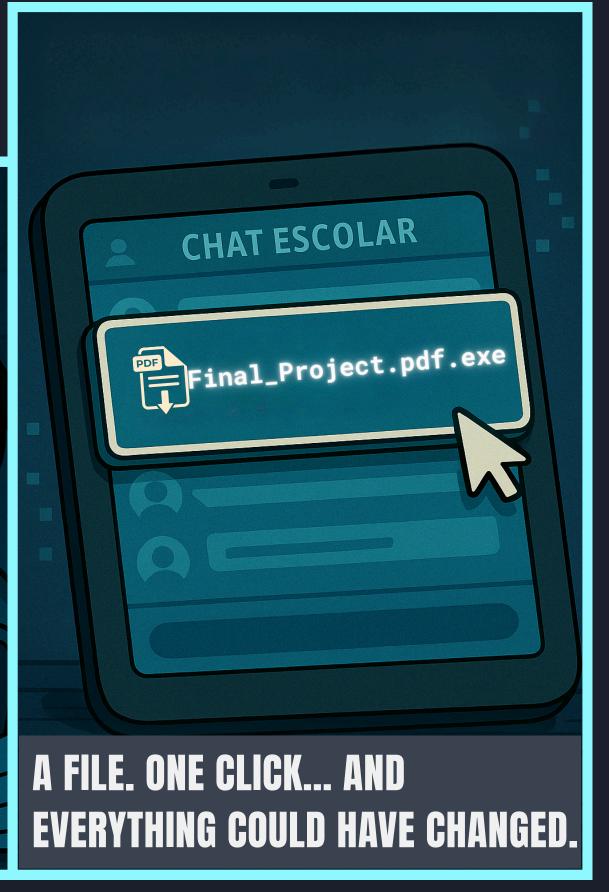


# IT ALL STARTED WHEN SOMETHING IN THE NETWORK STOPPED FEELING SECURE...











WHO SENDS A PDF WITH A DOUBLE
DOT? WAIT....EXE?

#### ALMOST...





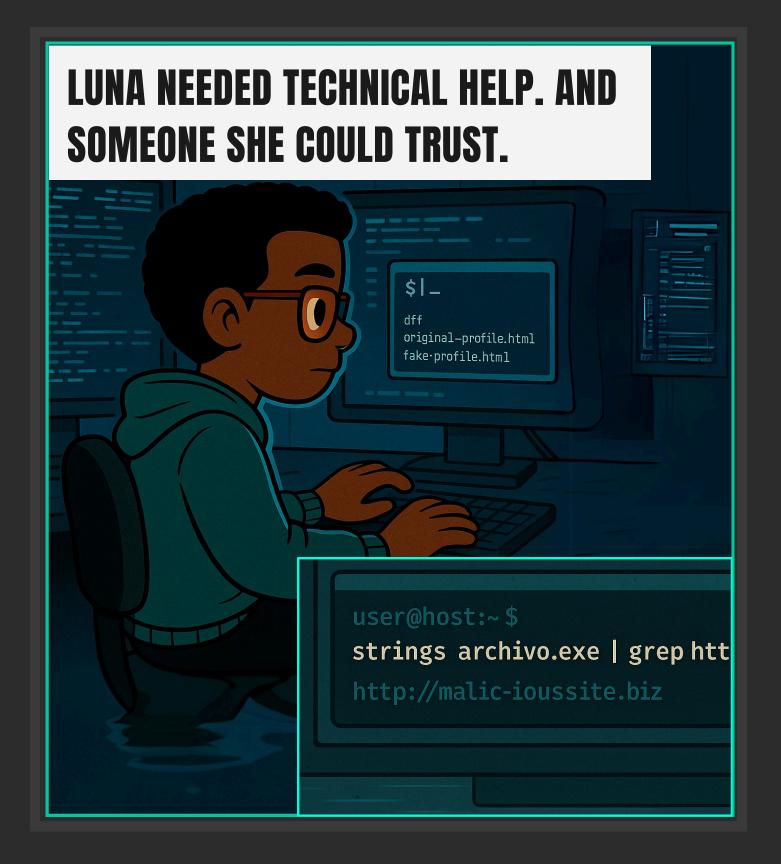


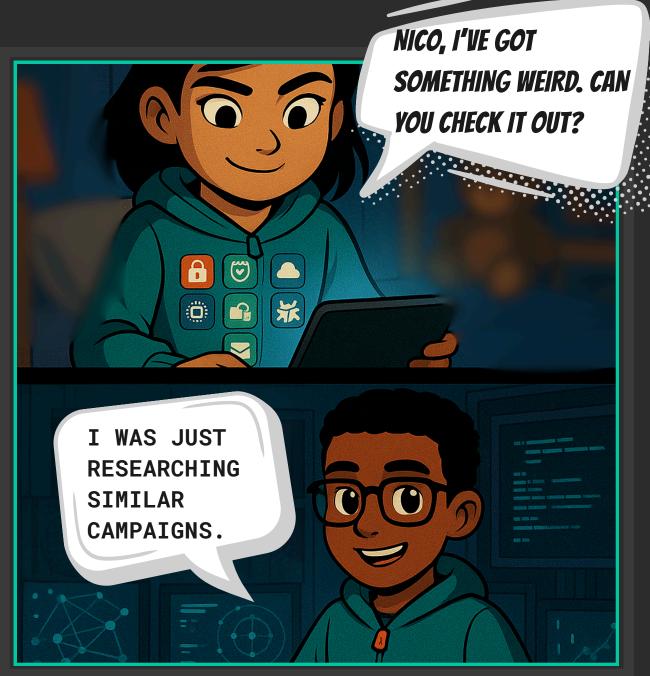


















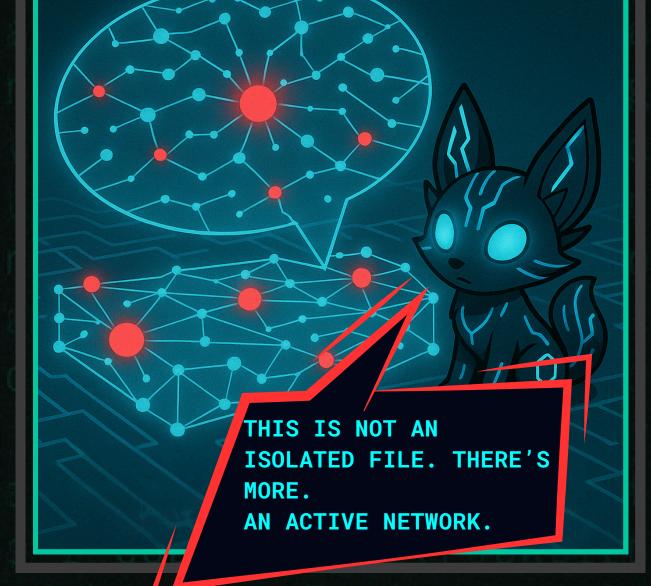
# LUNA WASN'T A HACKER, BUT SHE UNDERSTOOD THE VALUE OF A TEAM.

IT'S BEACONING. IT'S TRYING TO CONTACT A REMOTE DOMAIN.









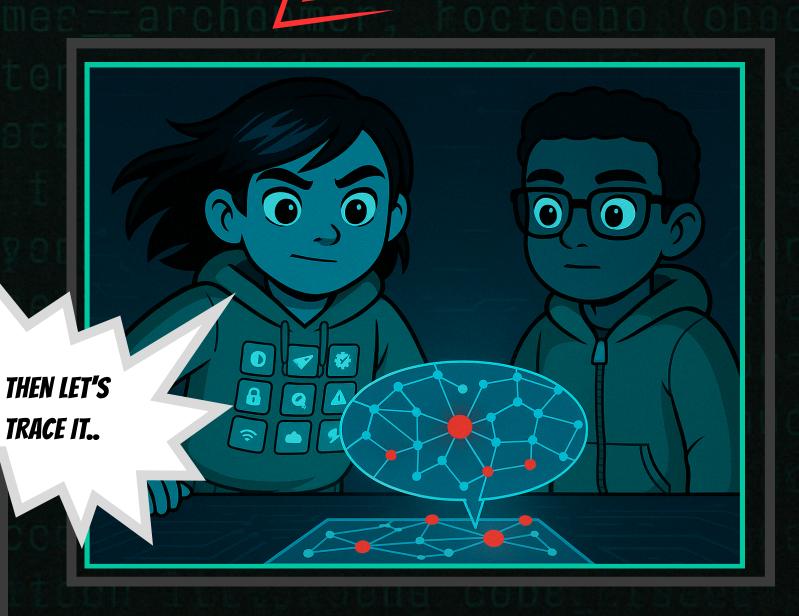
[+] Beaconing detected from executable

[!] Suspicious DNS tunneling
pattern

IP: 185.143.223.91

Domain: phishing-node.net Linked nodes: 5 (active)

Timestamp: 2025-04-17T00:42:11Z



PRIVACY, ISOLATION, PROTOCOLS... LUNA APPLIED EVERYTHING SHE HAD LEARNED TO PROTECT HERSELF.

### THE NETWORK WAS ALIVE... AND THEY **NEEDED REINFORCEMENTS**





**REDIRECTION...** 

A PROXY.

**THEY'RE HIDING** 

**SOMETHING BEHIND** 

\$ whois 185.143.223.91

Network Info:

NetRange: 185.143.223.0 - 185.143.225

CIDR: 185.143.223.0/24 Country: Desconocido

Registrant: Registros Ocultos

Ony Unknown

⚠ Hidden information

READY TO BREAK FIREWALLS? THIS





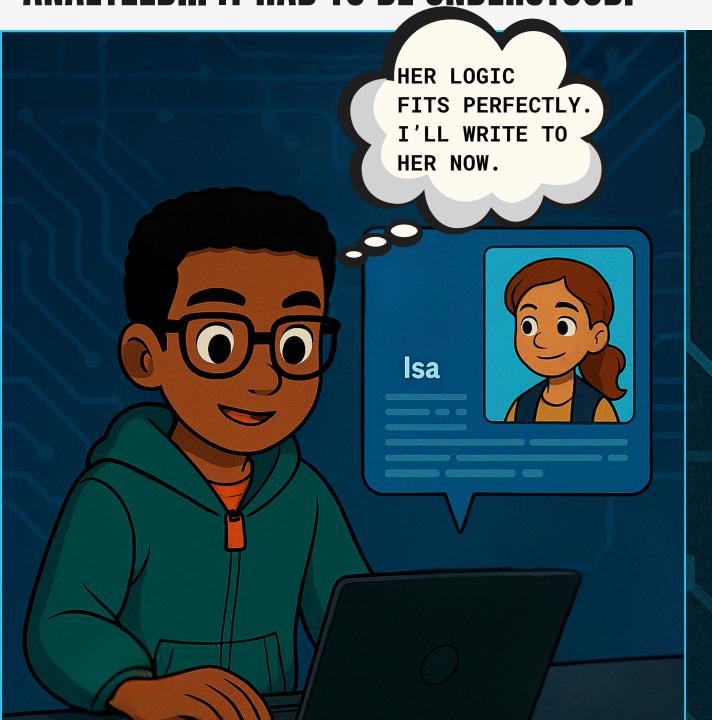


HTTP/1.1 302 Moveed Server: ??? X-Obfuscation: True

ONLINE, **OFFENSIVE CHANNEL** 

> **WOW...** THAT WAS FAST.

THE INFORMATION COULDN'T JUST BE ANALYZED... IT HAD TO BE UNDERSTOOD.



HI ISA, YOUR WAY OF EXPLAINING THE IMPOSSIBLE. THAT'S EXACTLY WHAT WE NEED.

¿AFINALLY, SOMEONE WHO APPRECIATES MY INTERACTIVE GRAPHICS?



SOME SAW CODE.
SHE HEARD FREQUENCIES.

...AND WE CONNECT
THIS PIN TO THE
RELAY, THAT WAY
WE AVOID—



MEANWHILE, SOMEONE ELSE DETECTED SOMETHING STRANGE FROM ANOTHER FRONT...





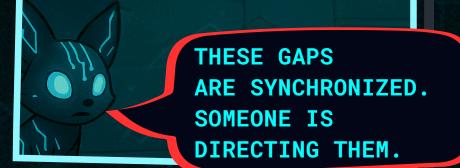
INTERFERENCE LOCATED

LET'S GO FOR IT.

THEY WERE NO LONGER JUST A CURIOUS MAKER AND A LOGICAL ANALYST.
THEY WERE THE CREATIVE MIND AND THE CYBER RADAR OF THE GUARDIANS

# THERE WERE CONNECTIONS... MANY MORE THAN THEY HAD IMAGINED.



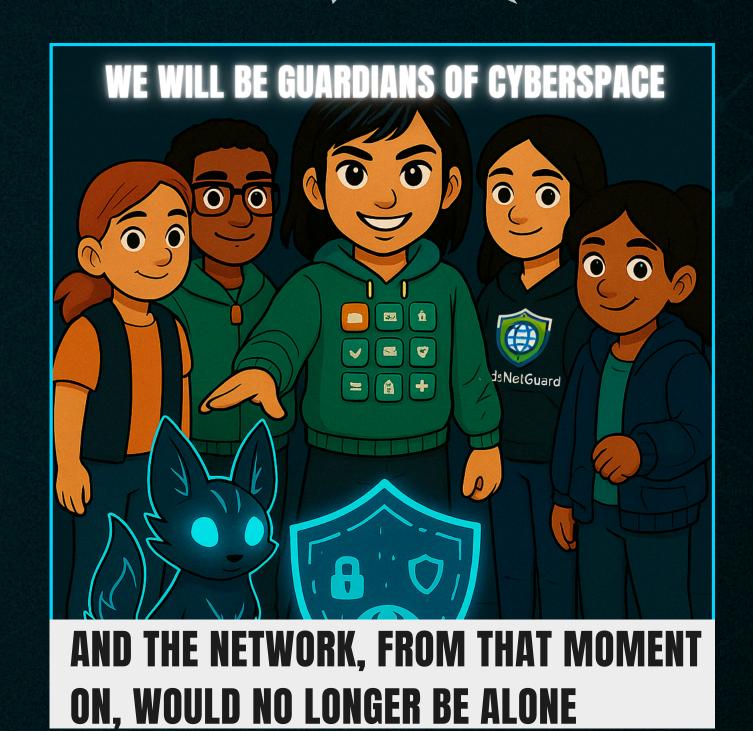




IF WE CORRELATE DNS LOGS AND LATERAL TRAFFIC, WE CAN DETECT THEIR PIVOT BEFORE THEY STRIKE.







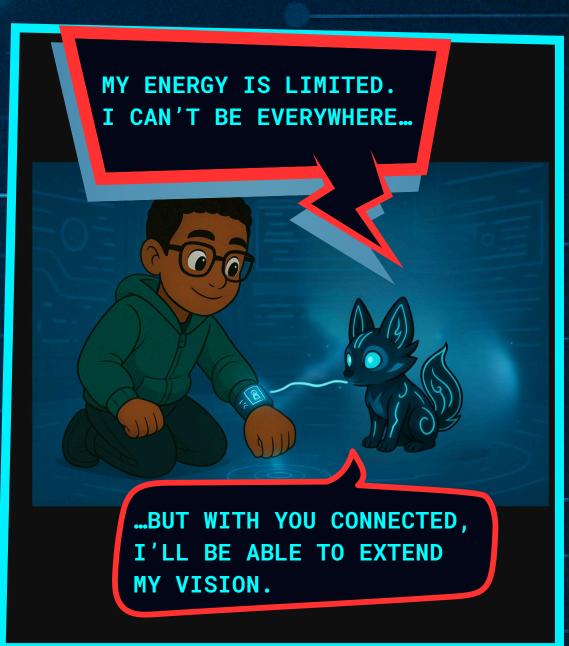


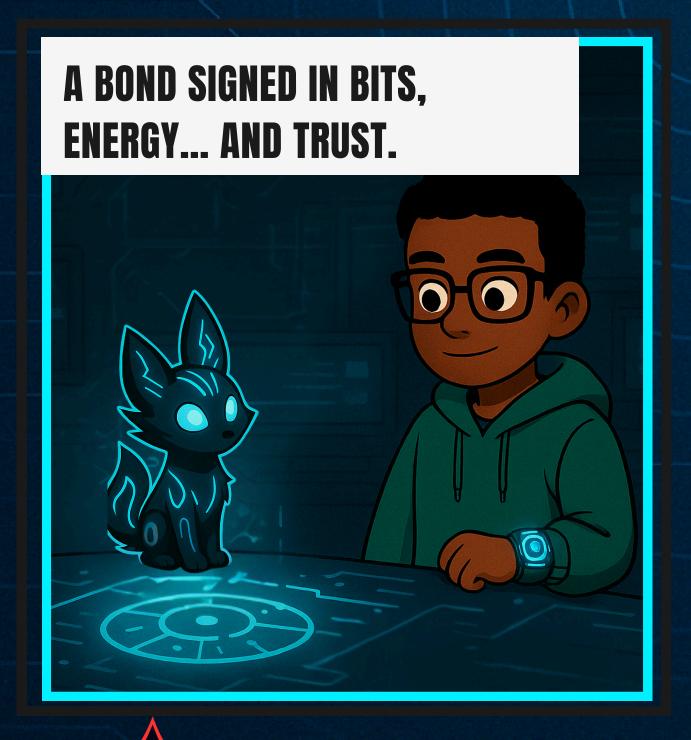
EACH ONE SAW THE DIGITAL WORLD IN THEIR OWN WAY.
TOGETHER, THEY WOULD BE UNSTOPPABLE

MORE THAN TECHNOLOGY, IT WAS A PACT OF TRUST.

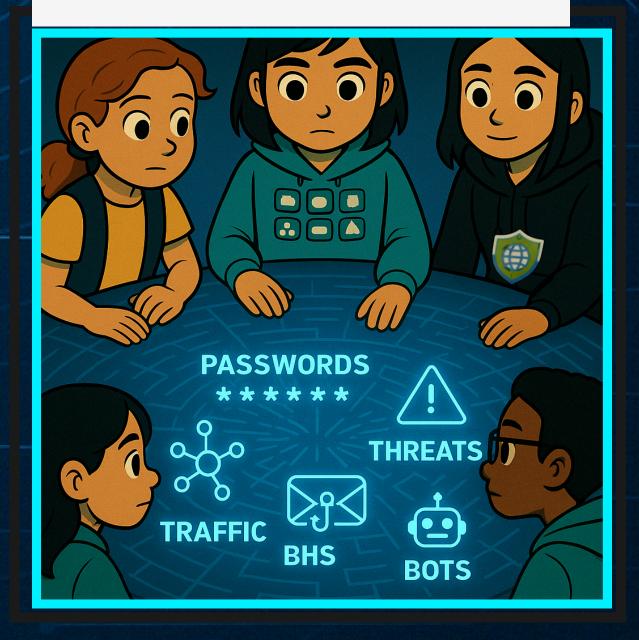








LEARN. ACT. TEACH.



THAT... IS
THE REAL
FIREWALL.

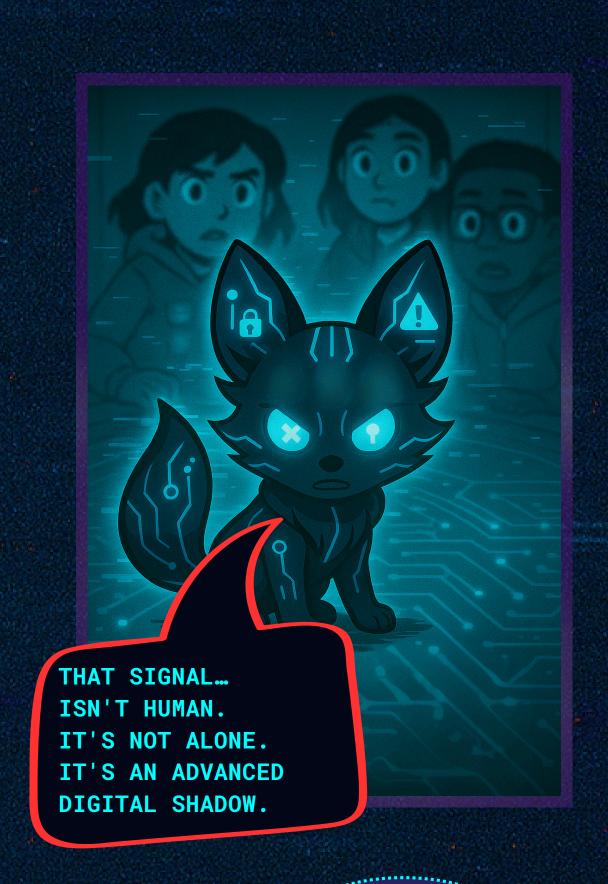


THAT DAY, THEY DIDN'T JUST ACCEPT A MISSION... THEY BECAME THE GUARDIANS OF CYBERSPACE.

# AND THEN, THE NETWORK TREMBLED FOR AN INSTANT...



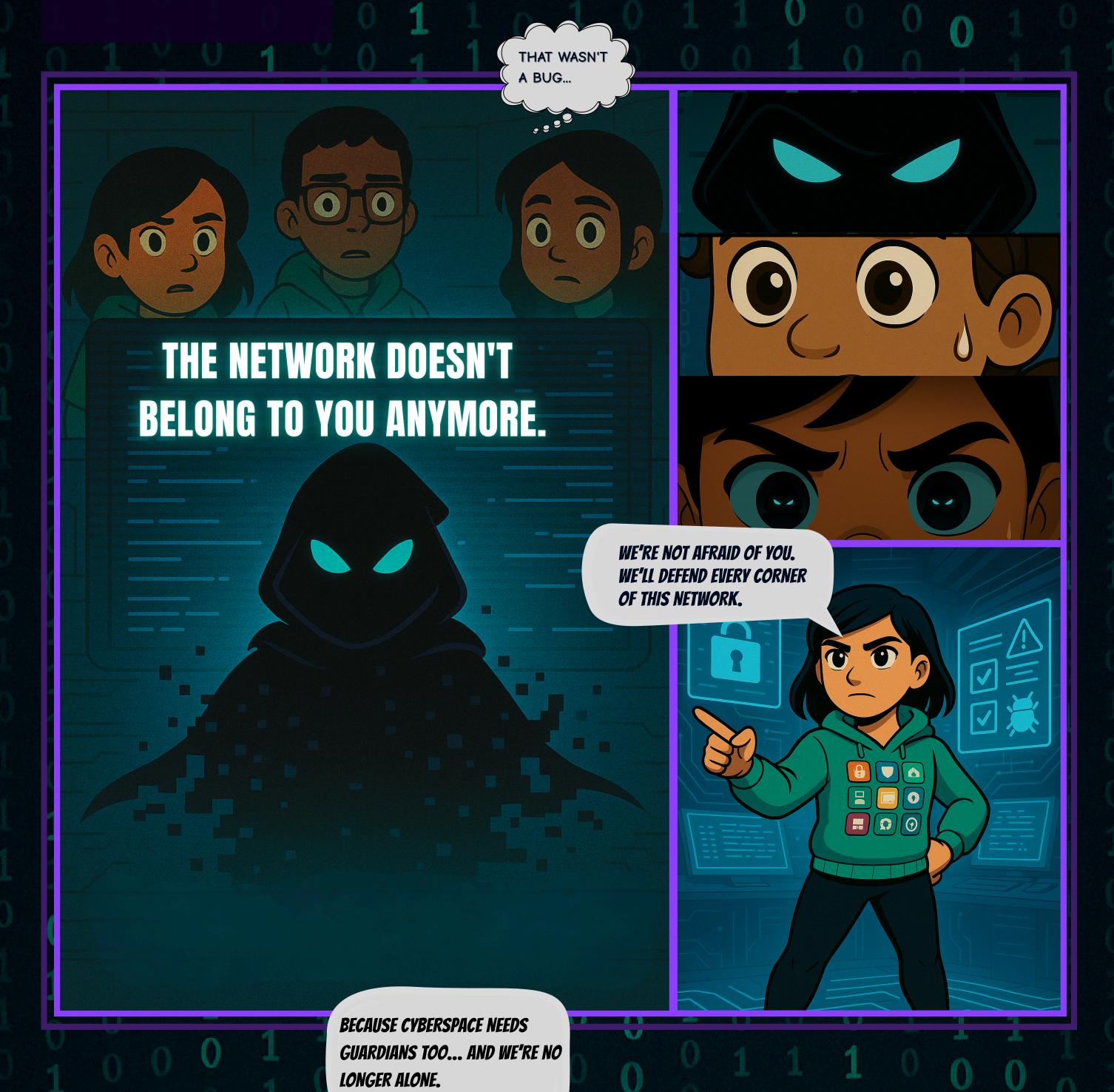




DIRECT INTRUSION?

IT'S WATCHING US...





THE WAR FOR CYBERSPACE... WAS ABOUT TO BEGIN.

## ΠEXT EPISODE:

# LUNA AND THE GUARDIANS OF CYBERSPACE

## "THE ENIGMA OF PHANTASMAX"

A new threat lurks among the data streams.

**PhantasmaX**, an enigmatic and dangerous figure, has started to disrupt the digital order.

Luna and the Guardians must solve the mystery before cyberspace is consumed by chaos.



# LEARN WITH THE GUARDIANS OF CYBERSPACE!

# Did you know that the tools used by Luna and her team are real?

The Guardians of Cyberspace don't just face challenges with bravery... they also use real cybersecurity techniques and commands. Here's what each one used to complete the mission in this episode.



## NICO

#### **THREAT SCANNING WITH NMAP**

nico@guardianes:~\$ nmap -sV -p80,443 phishing-link.net

Nico uses Nmap to detect if a suspicious site is active and what services it offers. It's like turning on a digital radar to analyze invisible threats.





## PAO

#### **DIGITAL INVESTIGATION (OSINT)**

pao@guardianes:~\$ whois phishing-link.net
pao@guardianes:~\$ dig +short phishing-link.net

Pao investigates suspicious domains using OSINT: she tracks public information to uncover who's behind a site or attack.





## NOA

## CLONED NETWORK DETECTION (EVIL TWIN)

\$ airodump-ng wlan0mon

With tools like airodump-ng, she detects cloned signals and digital traps, protecting the team from invisible attacks.





ISA

#### **SUSPICIOUS BEHAVIOR ANALYSIS**

isa@guardianes:~\$ tcpdump -i wlan0

14:23:05.421234 IP 192.168.1.101.54823 > 198.51.100.23.80: Flags [S], seq 1234567890, win 6 14:23:05.523456 IP 198.51.100.23.80 > 192.168.1.101.54823: Flags [S.], seq 987654321, ack 12 14:23:05.524321 IP 192.168.1.101.54823 > 198.51.100.23.80: Flags [.], ack 1, win 64240, length 14:23:06.102312 IP 192.168.1.101.54823 > 198.51.100.23.80: Flags [P.], seq 1:512, ack 1, win 6 14:23:06.203000 IP 198.51.100.23.80 > 192.168.1.101.54823: Flags [P.], seq 1:401, ack 512, win 6 14:23:06.203000 IP 198.51.100.23.80 > 192.168.1.101.54823: Flags [P.], seq 1:401, ack 512, win 6 14:23:06.203000 IP 198.51.100.23.80 > 192.168.1.101.54823: Flags [P.], seq 1:401, ack 512, win 6 14:23:06.203000 IP 198.51.100.23.80 > 192.168.1.101.54823: Flags [P.], seq 1:401, ack 512, win 6 14:23:06.203000 IP 198.51.100.23.80 > 192.168.1.101.54823: Flags [P.], seq 1:401, ack 512, win 6 14:23:06.203000 IP 198.51.100.23.80 > 192.168.1.101.54823: Flags [P.], seq 1:401, ack 512, win 6 14:23:06.203000 IP 198.51.100.23.80 > 192.168.1.101.54823: Flags [P.], seq 1:401, ack 512, win 6 14:23:06.203000 IP 198.51.100.23.80 > 192.168.1.101.54823: Flags [P.], seq 1:401, ack 512, win 6 14:23:06.203000 IP 198.51.100.23.80 > 192.168.1.101.54823: Flags [P.], seq 1:401, ack 512, win 6 14:23:06.203000 IP 198.51.100.23.80 > 192.168.1.101.54823: Flags [P.], seq 1:401, ack 512, win 6 14:23:06.203000 IP 198.51.100.23.80 > 192.168.1.101.54823: Flags [P.], seq 1:401, ack 512, win 6 14:23:06.203000 IP 198.51.100.23.80 > 192.168.1.101.54823: Flags [P.], seq 1:401, ack 512, win 6 14:23:06.203000 IP 198.51.100.23.80 > 192.168.1.101.54823: Flags [P.], seq 1:401, ack 512, win 6 14:23:06.203000 IP 198.51.100.23.80 > 192.168.1.101.54823: Flags [P.], seq 1:401, ack 512, win 6 14:23:06.203000 IP 198.51.100.23.80 > 192.168.1.101.54823: Flags [P.], seq 1:401, ack 512, win 6 14:23:06.203000 IP 198.51.100.23.80 > 192.168.1.101.54823: Ack 14:23:06.203000 IP 198.51.100.23.80 > 192.168.1.101.54823: Ack 14:23:06.203000 IP 198.51.100.23.80 > 192.168.1.101.54823: Ack 14:23:06.20300 IP 198.51.10

Using tools like tcpdump, she analyzes traffic for strange connections that could indicate attacks or data leaks.





## LUNA



#### PRIVATE AND SECURE BROWSING



luna@guardianes:~\$ openvpn --config seguro.ovpn luna@guardianes:~\$ firefox --private-window phishing-link.net

Before investigating unknown links, Luna always activates her VPN to protect her connection and uses private mode in the browser to maintain her privacy.

Additionally, she analyzes sites from a secure environment, avoiding risks to her real team. This way, she ensures browsing is anonymous, encrypted, and without leaving insecure traces.

PROTECTING YOUR CONNECTION IS THE FIRST STEP TO PROTECTING YOUR DIGITAL WORLD!





## CODEKI

#### **SAFE ANALYSIS OF SUSPICIOUS FILES**

codeki@guardianes:~\$ sha256sum Final\_Project.pdf.exe f1c9645dbc14efddc7d8a322685f26eb Final\_Project.pdf.exe

codeki@guardianes:~\$ curl --request GET \

--url https://www.virustotal.com/api/v3/files/f1c9645dbc14efddc7d8a322685f26eb \

--header 'x-apikey: 12AB34CD56EF78GH90IJ12KL34MN56OP78QR90ST12UV34WX56YZ78AB90CD12EF'

When Codeki detected a suspicious file with a double extension, the first thing it did was calculate its SHA-256 hash, a unique digital fingerprint of the file.

Instead of opening it directly, Codeki checked the hash in VirusTotal using a secure request from the terminal. This allowed Codeki to verify if the file had already been identified as a threat without needing to send it and risk the system.

Then, for further investigation, it isolated the file inside an offline virtual machine, protecting the real team from any infection attempts.

Thanks to these advanced methods, Codeki showed how to act responsibly and protect the Guardians' digital environment.



#### Now you too can be a Guardian of Cyberspace!

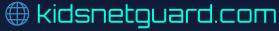
Luna and her team's adventure is just beginning.

Every tool, every technique, and every good practice you saw here are real and accessible to anyone who wants to protect their digital world.

Remember: the best defense isn't strength, but knowledge, caution, and teamwork.

With every new skill you learn, you'll be one step closer to becoming a true Guardian of Cyberspace! You too can make a difference in the digital world!

#### Discover more tips, adventures, and digital challenges at:



■ Follow us on: linkedIn, Instagram, Facebook, YouTube, x y Threads: @KidsNetGuard



# THANK YOU FOR BEING PART OF THE DIGITAL AWAKENING!

This work is part of the educational series "Luna and the Guardians of Cyberspace", developed by KidsNetGuard to promote cybersecurity, digital citizenship, and the responsible use of technology among children and young people.

Continue the saga on Amazon Kindle and discover more free resources at <a href="https://www.kidsnetguard.com">www.kidsnetguard.com</a>.

Let's build a new generation of Digital Guardians together!





# LUNA AND THE GUARDIANS OF CYBERSPACE

In an increasingly connected world, a new generation answers the call of cyberspace.

Luna, along with a group of young people passionate about technology, becomes the first line of defense against digital threats that lurk in the shadows.

This is the story of the origin of the Guardians of Cyberspace..

# EXPLORE, LEARN, AND DEFEND THE DIGITAL WORLD ALONGSIDE LUNA AND HER TEAM!

#### **ABOUT KIDSNETGUARD**

At KidsNetGuard, we promote safe digital education for children and teens, combining creativity, technology, and adventure to form the next generation of Guardians of Cyberspace.

